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DATE June 24, 2004  
PAGES 32VOICE NO. 214.953.6486  
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RETURN TO Beth TurloTO Examiner John Juba, Jr.  
United States Patent and Trademark OfficeFAX NO. 703.872.9306  
VOICE NO. 571.272.2314**MESSAGE**

I hereby certify that the attached documents are being sent via facsimile for filing with the United States Patent and Trademark Office, attention Examiner John Juba, Jr. on June 24, 2004 and is addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature of Fax Person

Re: Appln. No.: 10/649,192  
Date Filed: August 27, 2003  
Art Unit: 2872**Attached are:**

Response pursuant to 37 C.F.R. §1.111 (23 pages).  
PTO-1449 Form correcting missing information for two references previously filed (1 page).  
Terminal Disclaimer (2 pages) and accompanying Patent Assignment document (copy) (2 pages).  
Information Disclosure Statement (2 page), PTO-1449 Form (1 page).

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PATENT  
10/649,192

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Mohammed N. Islam et al.  
Serial No.: 10/649,192  
Filing Date: August 27, 2003  
Group Art Unit: 2872  
Confirmation No.: 5256  
Examiner: John Juba, Jr.  
Title: VARIABLE BLAZED GRATING

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE PURSUANT TO 37 C.F.R. §1.111**

In response to the April 13, 2004 Office Action, Applicants respectfully request that the Examiner reconsider the rejections of the claims in view of the following amendments and remarks.